

CLAIMS

What I claim is:

- 1 1. A method of converting a structured document to XHTML content, the
2 method comprising the steps of:
3 traversing a structured document;
4 determining a set of first level elements contained within the structured
5 document;
6 generating a first level XHTML content fragment corresponding to each
7 element in the set of first level elements; and
8 storing each of the first level XHTML fragments;
9 wherein the first level XHTML fragments are generated independent of the
10 application that created the structured document.
- 1 2. The method according to claim 1, further comprising parsing each element in
2 the set of first level elements.
- 1 3. The method according to claim 2, further comprising determining whether
2 each element in the set of first level elements contains a set of second level
3 elements.

1 4. The method according to claim 3, further comprising generating a second
2 level XHTML content fragment corresponding to each element in the set of second
3 level elements.

1 5. The method according to claim 4, further comprising storing each of the
2 second level XHTML fragments.

1 6. The method according to claim 1, further comprising determining the
2 document type for the structured document.

1 7. The method according to claim 6, wherein the document type includes one
2 of: a book and standalone.

1 8. The method according to claim 1, further comprising opening the structured
2 document.

1 9. The method according to claim 1, further comprising generating a linked list
2 of cross references including each element in the set of first level element having a
3 cross reference identification.

1 10. A computer program product for converting a structured document to
2 XHTML content, the computer program product comprising the steps of:
3 a computer readable medium; and
4 computer program instructions, recorded on the computer readable medium,
5 executable by a processor, for performing the steps of:
6 traversing a structured document;
7 determining a set of first level elements contained within the
8 structured document;
9 generating a first level XHTML content fragment corresponding to
10 each element in the set of first level elements; and
11 storing each of the first level XHTML fragments;
12 wherein the first level XHTML fragments are generated independent of the
13 application that created the structured document.

1 11. The computer program product according to claim 10, further comprising
2 computer program instructions for parsing each element in the set of first level
3 elements.

1 12. The computer program product according to claim 11, further comprising
2 computer program instructions for determining whether each element in the set of
3 first level elements contains a set of second level elements.

1 13. The computer program product according to claim 12, further comprising
2 computer program instructions for generating a second level XHTML content
3 fragment corresponding to each element in the set of second level elements.

1 14. The computer program product according to claim 13, further comprising
2 computer program instructions for storing each of the second level XHTML
3 fragments.

1 15. The computer program product according to claim 10, further comprising
2 computer program instructions for determining the document type for the structured
3 document.

1 16. The computer program product according to claim 15, wherein the document
2 type includes one of: a book and standalone.

1 17. The computer program product according to claim 10, further comprising
2 computer program instructions for opening the structured document.

- 1 18. The computer program product according to claim 10, further comprising
- 2 computer program instructions for generating a linked list of cross references
- 3 including each element in the set of first level element having a cross reference
- 4 identification.